Current Process for Supporting the Bedside Scanning System Scan Code Database

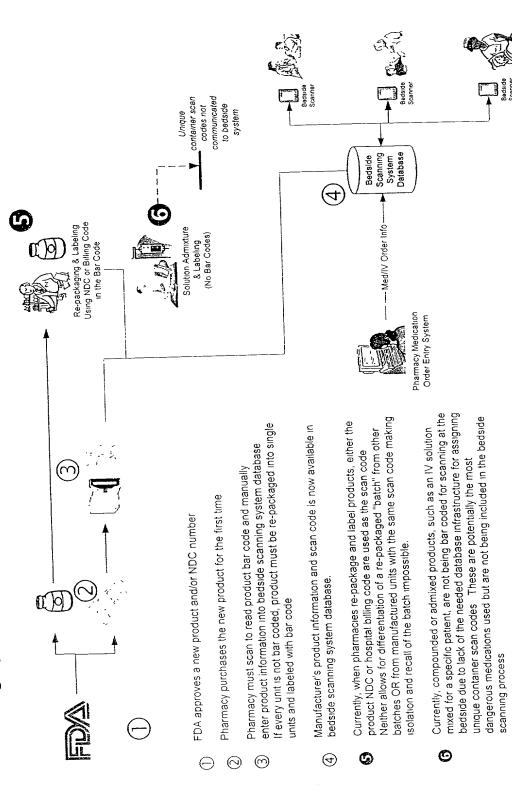


Figure 1 Prior Art

Proposed Process for Supporting the Bedside Scanning System Scan Code Database

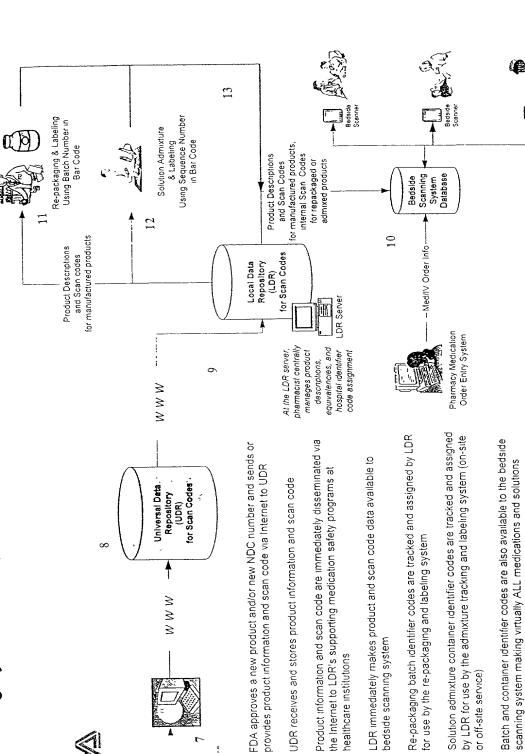


Figure 2

scannable for patient safety checks

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Current Product Recall Process

(Example = A Recalled Medication)

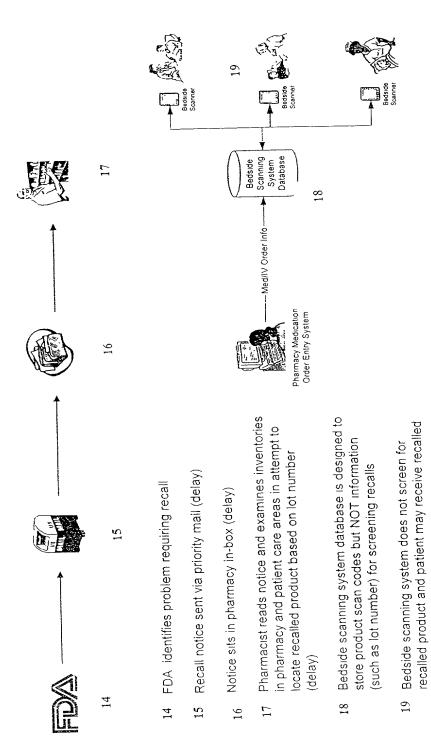


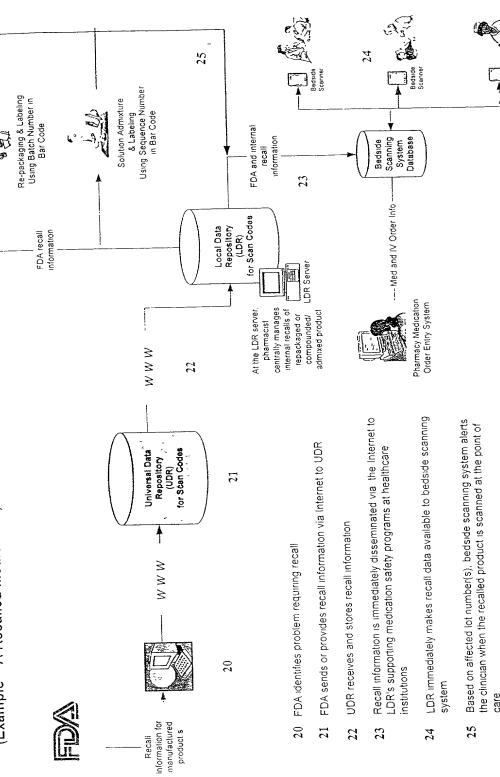
Figure 3 Prior Art

medication

Proposed Product Recall Process

(Example = A Recalled Medication)

Recall

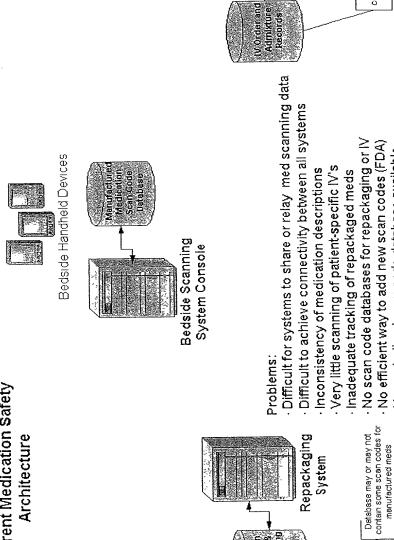


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Figure 4

Current Medication Safety



Database may or may not contain some scan codes for manufactured meds

IV Admixture System

No accommodation for special data needs of new

automated systems

. No data formatting to support dosing calculations

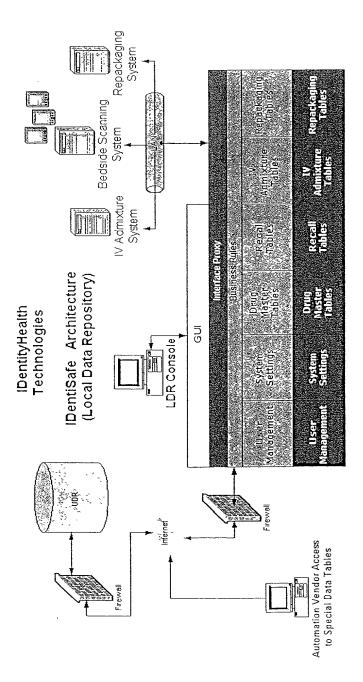
and other clinical functions

No single data maintenance point for pharmacy

· No electronic product recall system

. No centralized scan code database available

Figure 5



Resolutions to problems using IDentiSafe:

- · Any system can access medication data by following IDentiSafe technical business rules
 - · Systems can relay scan code data to IDentiSafe and therefore to each other
- . All systems can access the same med descriptions and med scan codes for consistency
- Unique patient-specific IV's can be positively identified and, if necessary, individually recalled
 - Repackaged meds can be tracked and, if necessary, recalled by batch Repackaging or IV Systems can access any scan code for pre-scanning medications
- DentiSafe can be updated automatically with new med descriptions and scan codes as issued
- by the FDA (NDC numbers)
- One centralized medication description and scan code data maintenance point for pharmacy
 - An FDA-recalled or internally recalled product can be prevented from being used
 Data is formatted to support calculations, dosing instructions, and other clinical functions
 - Automated system vendors can globally manage their systems' special data needs
- Figure 6